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Appl. No. 09/889,086
Amdt. Dated June 21, 2006
Reply to Office action of April 7, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously presented): An on-vehicle communication system including first radio communication means for transmitting predetermined data having state information in the detection of an abnormal state, the predetermined location information and a terminal ID to an information service center on occurrence of a predetermined event,

said on-vehicle communication system comprising:

an on-vehicle terminal main unit having the first radio communication means to communicate with the information service center;

a mobile terminal detachable from said on-vehicle terminal main unit, and means for detecting a relative distance between said on-vehicle terminal main unit and said mobile terminal,

wherein said means switches a main system for communications of said on-vehicle communication system,

wherein said mobile terminal includes voice communication means,

wherein said on-vehicle terminal main unit and said mobile terminal can communicate with each other via second radio communication means, and

wherein if said mobile terminal has finished instructing the first radio communication means to transmit the predetermined data to the information service center, said mobile terminal has the second radio communication means transmit data for voice communication to the information service center via said on-vehicle terminal main unit.

Claim 2 (previously presented): The on-vehicle communication system according to claim 1, wherein said system further comprises location information detecting means as a function of said mobile terminal.

Claim 3 (previously presented): The on-vehicle communication system according to claim 1,

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wherein said mobile terminal further includes a function of state sensor means.

Claim 4 (previously presented): An on-vehicle communication system according to claim 1,

wherein said mobile terminal further includes functions of location information detecting means and state sensor means.

Claim 5 (canceled)

Claim 6 (previously presented): An on-vehicle communication system including first radio communication means for transmitting predetermined data having state information in the detection of an abnormal state, the predetermined location information and a terminal ID to an information service center on occurrence of a predetermined event,

said on-vehicle communication system comprising:

an on-vehicle terminal main unit;

a mobile terminal detachable from said on-vehicle terminal main unit, and

means for detecting a relative distance between said on-vehicle terminal main unit and said mobile terminal,

wherein said means switches a main system for communications of said on-vehicle communication system,

wherein said mobile terminal includes voice communication means,

wherein said on-vehicle terminal main unit and said mobile terminal can communicate with each other via second radio communication means,

wherein if said mobile terminal has finished having the first radio communication means transmit the predetermined data to the information service center, said mobile terminal has the second radio communication means transmit data for voice communication to the information service center via said on-vehicle terminal main unit, and

wherein the information service center includes means for distinguishing whether information is transmitted from said on-vehicle terminal main unit or whether the information is transmitted from said mobile terminal when said service center receives and restores the information transmitted from a plurality of types of on-vehicle communication systems according to a predetermined communication protocol.

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Claim 7 (previously presented): An on-vehicle communication system including location information detecting means; state sensor means for detecting an abnormal state and outputting state information; means for recording predetermined location information having time information and latitude/longitude information of the location information obtained by the location information detecting means at each point; first radio communication means for transmitting predetermined data having the state information, the predetermined location information and a terminal ID to an information service center on occurrence of a predetermined event; and voice communication means,

wherein said on-vehicle communication system comprises an on-vehicle terminal main unit and a mobile terminal detachable from said on-vehicle terminal main unit, and wherein said mobile terminal includes voice communication means and data retaining means for temporarily storing data, and

wherein said on-vehicle terminal main unit and said mobile terminal can communicate with each other via second radio communication means,

wherein the data retaining means temporarily stores data updated as required while the vehicle is traveling, and

wherein the mobile terminal can transmit data stored in the data retaining means to the on-vehicle terminal main unit, which can then transmit the data to the information service center.

Claim 8 (previously presented): The on-vehicle communication system according to claim 7,

wherein said data retaining means stores higher-priority emergency information data to be transmitted to the information service center, and the emergency information data stored in the data retaining means can be taken out of the vehicle together with said mobile terminal in the event of an emergency.

Claim 9 (previously presented): The on-vehicle communication system according to claim 8,

wherein said on-vehicle communication system makes voice communication with the information service center after transmitting the emergency information data to the information service center from said mobile terminal.

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Claim 10 (previously presented): The on-vehicle communication system according to claim 9,

wherein communications from said mobile terminal to the service center are made via a communication apparatus different from said on-vehicle communication system associated with said mobile terminal, the communication apparatus existing in the close proximity of said mobile terminal.

Claims 11 – 16 (canceled)